

BCA CROWN CERTIFICATE

Pursuant to Section 6.28 of the Environmental Planning & Assessment Act 1979

CERTIFICATE No.:	CRO-22007
DATE OF CERTIFICATE:	09 March 2022
SUBJECT LAND:	
Lot & DP	Lot 1 119583
Address	Corner Hawkesbury Road & Hainsworth Street WESTMEAD NSW 2145
LOCAL GOVERNMENT AREA:	City of Parramatta
APPLICANT:	
Name	Chris Horton
Company	Health Infrastructure
Address	Locked Mail Bag 2030 ST. LEONARDS NSW 1590
Phone/Email	Phone: (02) 9978 5402 Email: chris.horton@health.nsw.gov.au
OWNER:	
Name	Western Sydney Local Health District
Address	5 Fleet Street NORTH PARRAMATTA NSW 2151
Phone / Email	Phone: (02) 9840 3000
PLANNING APPROVAL (WHERE APPLICABLE):	
SSDA No.	SSD-10349252
Date of Determination	17 December 2021
DESCRIPTION OF DEVELOPMENT:	<p>The Children's Hospital at Westmead – Paediatric Services Building Development comprising:</p> <ul style="list-style-type: none"> + Demolition, earthworks, remediation, and tree removal + Construction and operation of a 14 Level Paediatric Services Building + Extension of the existing medical gas compound + Weather protection awning and pedestrian connections to adjacent Central Acute Services Building and Kids Research Building + Expansion and refurbishment of the Pathology Building + Retail pods, landscaping, public domain works and signage zones. <p>This Stage 1 Crown Certificate relates to the following scope of works:</p> <ul style="list-style-type: none"> + Demolition of existing structures + Earthworks + Remediation + Site Validation + Inground structure and infrastructure
BCA CLASSIFICATION:	<p>Class 9a (Health-car Building)</p> <p>Class 5 (Professional Consultation)</p> <p>Class 7a (Car Parking)</p> <p>Class 3 (Overnight Accommodation Rooms)</p>



REFERENCED DOCUMENTATION:

As listed in Schedule 1

STATUTORY CERTIFICATION:

Pursuant to the provisions of Section 6.28 of the Environmental Planning and Assessment Act 1979, Blackett Maguire + Goldsmith Pty Ltd hereby certifies that the building works have been designed in accordance with the Building Code of Australia 2019 (Amendment A), subject to the attached Conditions.

CONDITIONS:

As listed in Schedule 2

**PERSON UNDERTAKING CERTIFICATION
OF DESIGN ON BEHALF OF THE CROWN:**

SIGNATURE

Accredited Certifier in NSW
Accreditation No.

David Blackett
BDC0032

Date: 09 March 2022



SCHEDULE 1

SCHEDULE OF DOCUMENTATION

- + Architectural Plans prepared by Billard Leece Partnership Pty Ltd:

DRAWING NUMBER	REV	DATE	DRAWING NUMBER	REV	DATE
CHW-AR-DG-PSB-SSD001	J	19 NOVEMBER 2021	CHW-AR-DG-PSB-SSD004-01	E	19 NOVEMBER 2021
CHW-AR-DG-PSB-SSD005	D	19 NOVEMBER 2021			

- + Other documents:

ITEM	DOCUMENTATION	PREPARED BY	DATE
1.	Crown Certificate Application Form	Health Infrastructure	24 February 2022
2.	Letter requesting the issue of a Stage 1 Crown Certificate	Ford Civil Contracting Pty Ltd	23 February 2022
3.	Staging Report - Paediatric Services Building	NGH Pty Ltd	27 January 2022
4.	Structural Design Statement	Arup Pty Ltd	3 February 2022
5.	Civil Design Statement	Arup Pty Ltd	27 January 2022
6.	Hydraulic Design Statement	Arup	27 January 2022
7.	Electrical Design Statement	Stantec	3 February 2022
8.	Architectural Design Statement	Billard Leece Partnership	1 February 2022
9.	Demolition Design Statement	Ford Civil Contracting Pty Ltd	3 February 2022
10.	Remedial Action Plan	JBS&G Australia Pty Ltd	29 July 2021
11.	Design Statement confirming that Site Investigations will be undertaken Post Demolition Works to confirm the full nature and extent of Contamination at the Project Area post Demolition and that all required actions as required by DA Condition No. C35 will be carried out and submitted as required by DA Condition Nos. C35 - C37.	Ford Civil Contracting Pty Ltd	3 February 2022
12.	Contract Variation Request Approval – Site Auditor	PWC	22 March 2021
13.	Construction Traffic & Pedestrian Management Sub-Plan	Ford Civil Contracting Pty Ltd	17 January 2022
14.	Construction Noise & Vibration Management Sub-Plan	Ford Civil Contracting Pty Ltd	04 February 2022
15.	Project Environmental Management Plan	Ford Civil Contracting Pty Ltd	02 February 2022
16.	Construction Waste Management Sub-Plan	Ford Civil Contracting Pty Ltd	17 February 2022
17.	Soil and Water Management Sub-Plan	Ford Civil Contracting Pty Ltd	01 February 2022
18.	Flood Emergency Response Sub-Plan	Ford Civil Contracting Pty Ltd	02 February 2022
19.	Dilapidation Report – Redbank Rd, Kr Lane & Labyrinth Way	James Townsend Dilapidation Surveys Pty Ltd	21, 22 & 23 December 2021



20.	Dilapidation Report – Children's Hospital Façade & Grounds Survey	James Townsend Dilapidation Surveys Pty Ltd	21, 22 & 23 December 2021
21.	Dilapidation Survey Report – CSB & P17	James Townsend Dilapidation Surveys Pty Ltd	21, 22 & 23 December 2021
22.	Email submission of the Dilapidation Reports to Parramatta Council	Ford Civil Contracting Pty Ltd	28 January 2022
23.	Email confirmation of receipt of the Dilapidation Reports for the Children's Hospital Westmead – Paediatric Services Building	The Department of Planning, Industry and Environment	27 January 2022
24.	Email correspondence confirming that there is no requirement to relocate Endeavour Energy's assets	Endeavour Energy	21 August 2020
25.	Aviation Flight Path Assessment Rev (1.3)	AviPro	27 July 2020
26.	Submission of the Construction Environmental Management via the Planning Portal	Health Infrastructure NSW	21 February 2022
27.	Email confirming endorsement of the Construction Traffic Management Plan	Transport for NSW	18 February 2022
28.	Aboriginal Cultural Heritage Assessment Report	Jacobs	17 June 2021
29.	Site Survey Plans	LTS	09 December 2019
30.	Long Service Levy Receipt No. L0000033714	Long Service Corporation	26 January 2022
31.	Conformation that Sydney Water Building Plan Approval is not required	Ford Civil Contracting Pty Ltd	24 February 2022



SCHEDULE 2

CONDITIONS OF BCA CROWN CERTIFICATE

This Crown Certificate has been issued subject to the following conditions:

1. This Crown Certificate does not certify compliance with the conditions of Development Consent. The building works should not commence until the Crown is satisfied that the conditions of development consent that are a pre-requisite to commencement have been appropriately addressed where relevant.
2. The Construction Noise and Vibration Management Sub-Plan is to be subject of a Peer Review by a suitably qualified consultant as required by SSDA Condition B17. The Peer Review is to be completed and submitted to BM+G within a period not exceeding ten (10) business days from the date of this Crown Certificate.
3. The Soil and Water Management Sub-Plan is to be subject of a Peer Review by a suitably qualified consultant as required by SSDA Condition B19. The Peer Review is to be completed and submitted to BM+G within a period not exceeding ten (10) business days from the date of this Crown Certificate.
4. The Flood Emergency Response Sub-Plan is to be subject of a Peer Review by a suitably qualified consultant as required by SSDA Condition B20. The Peer Review is to be completed and submitted to BM+G within a period not exceeding ten (10) business days from the date of this Crown Certificate.
5. There is to be no impact, disruption, impediment or modification to existing active or passive fire safety systems or egress arrangements within the existing hospital building as a direct or indirect result of the proposed works without prior consultation and approval by the LHD (as applicable) and the crown certifier (BM+G).
6. All building works associated with the subject development are to be carried out in accordance with the requirements of the Blackett Maguire + Goldsmith BCA Assessment Report Revision 9 dated 21 September 2021
7. Demolition works are to be undertaken in accordance with the documentation listed in Schedule 1 & AS 2601-2001.
8. Where the proposed demolition works necessitate the isolation and/or decommissioning of any existing fire services, particularly the fire hydrant system or the sprinkler system, then Fire & Rescue NSW and any relevant insurance providers should be notified prior to de-commissioning and/or isolation of the system.
9. No approval is given nor implied for the construction of works beyond the scope specifically approved by the Stage 1 Crown Certificate.
10. All building works associated with the subject development are to be carried out in accordance with the approved documentation listed above in Schedule 1.

Any departure from the documentation cannot be undertaken without the review and approval by Blackett Maguire + Goldsmith.

11. Where there is any conflict between the Design Documentation and the advice provided by Blackett Maguire + Goldsmith, the advice issued takes precedence unless approved by Blackett Maguire + Goldsmith.
12. Any changes to the Architectural Documentation that may affect compliance with the Building Code of Australia, or the referenced Australian Standards are to be appropriately disclosed to Blackett Maguire + Goldsmith for review.
13. Blackett Maguire + Goldsmith are to be contacted throughout the project for routine site inspections to ensure that the works are being carried out in accordance with the approved documentation.



SCHEDULE 3

FIRE SAFETY SCHEDULE

Issued under Clause 78 of the Environmental Planning & Assessment (Development and Fire Safety) Regulation 2021

ADDRESS:	Corner Hawkesbury Road & Hainsworth Street, Westmead NSW 2145
OWNER	Western Sydney Local Health District
BCA CROWN CERTIFICATE No.:	CRO-22007

The following essential fire safety measures shall be implemented in the whole of the building premises and each of the fire safety measures must satisfy the standard of performance listed in the schedule, which, for the purposes of Section 79 of the Environmental Planning and Assessment Regulation (Development Certification and Fire Safety) 2021, is deemed to be the current fire safety schedule for the building.

SCHEDULE

Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
Access Panels, Doors & Hoppers	BCA Clause C3.13 AS 1530.4 - 2005		✓
Alarm Signalling Equipment	AS1670.3 – 2004		✓
Automatic Fail-Safe Devices	BCA Clause D2.21		✓
Automatic Fire Detection & Alarm System	BCA Spec. E2.2a AS 1670.1 - 2018.		✓
Automatic Fire Suppression System	BCA Spec. E1.5 AS2118.1 - 2017		✓
Emergency Lighting	BCA Clause E4.4 AS/NZS 2293.1 - 2018		✓
Emergency Lifts	BCA Clause E3.4 AS 1735.2 - 2001		✓
Emergency Evacuation Plan	AS 3745 - 2002		✓
Emergency Warning & Intercommunication System	BCA Clause E4.9 AS 1670.1 - 2018		✓
Exit Signs	BCA Clauses E4.5, E4.6 & E4.8 AS/NZS 2293.1 – 2018		✓
Fire Dampers	BCA Clause C3.15 AS/NZS 1668.1 - 2015 AS 1682.1 & 2 – 2015		✓
Fire Doors	BCA Clause C2.12, C2.13, C3.5, C3.7, C3.8 AS 1905.1 – 2015		✓
Fire Hose Reels	BCA Clause E1.4 AS 2441 – 2005		✓
Fire Hydrant Systems	Clause E1.3 AS 2419.1 - 2005		✓



Statutory Fire Safety Measure	Design / Installation Standard	Existing	Proposed
Fire Seals	BCA Clause C3.15 AS 1530.4 – 2014 AS 4072.1 – 2005		✓
Fire Walls	BCA Spec. C1.1		✓
Lightweight Construction	BCA Clause C1.8 & AS 1530.4 – 2014		✓
Manual Call Points	BCA Section E		✓
Mechanical Air Handling Systems (automatic shutdown)	BCA Clause E2.2 AS/NZS 1668.1 - 2015 AS 1668.2 – 2012		✓
Paths of Travel	EP&A (DC&FS) Regulation Section 109		✓
Portable Fire Extinguishers	BCA Clause E1.6 & AS 2444 – 2001		✓
Pressurisation Systems (Fire Isolated Stairways and associated Passageways)	BCA Clause E2.2 AS/NZS 1668.1 - 2015 AS 1668.2 – 2012		✓
Required Exit Doors (power operated)	BCA Clause D2.19(d)		✓
Smoke Dampers	AS/NZS 1668.1 – 2015 AS 1682.1 & 2 – 2015		✓
Smoke Doors	BCA Spec. C3.4 & C2.5		✓
Smoke Seals	BCA Spec C3.4		✓
Smoke Walls	BCA Spec. C2.5		✓
Smoke Hazard Management System – (Zone Smoke Control System)	BCA Clause E2.2 AS/NZS 1668.1 - 2015 AS 1668.2 – 2012		✓
Wall-Wetting Sprinklers	BCA Clause C3.4 AS 2118.2 – 2010		✓
Warning & Operational signs	Section 108 of the EP & A (DC & FS) Regulations 2021 BCA Clause D2.23, E3.3 AS 1905.1 – 2015		✓

09 March 2022

The General Manager
City of Parramatta
P O Box 32
PARRAMATTA NSW 2124

Dear Sir / Madam,

REFERENCE: REF NO. SSD-10349252
CORNER HAWKESBURY ROAD & HAINSWORTH STREET, WESTMEAD NSW 2145
CROWN CERTIFICATION

Provided undercover for Council's information a copy of the Stage 1 Crown Certificate No. CRO-22006. This letter is notice that the following application for a Crown Certificate has now been approved for the proposed early works associated with the construction of the Paediatric Services Building as part of the Children's Hospital Westmead Redevelopment.

The proposed Stage 1 works comprise the following:

- + Demolition of existing structures
- + Earthworks
- + Remediation
- + Site Validation
- + Inground structure and infrastructure

Applicant: Health Infrastructure
Subject Address: Corner Hawkesbury Road & Hainsworth Street, Westmead
Date Received: 25 February 2022
Date Determined: 09 March 2022

We have also enclosed a copy of the following for Council's record:

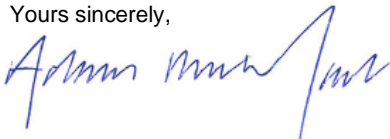
- + Crown Certificate Application Form.
- + Fire Safety Schedule; and
- + Referenced documentation as indicated on the Crown Certificate.

We note that as this submission is for Council's information only no payment has been provided.

If we have provided the approved documentation to you electronically on a USB storage device, we would like to advise you that this device is for transmittal purposes only and is not designed for long term storage, please transfer all documentation to a purpose designed form of storage media.

Please contact the undersigned should you have any further enquiries on 02 9211 7777.

Yours sincerely,



Adam Durnford
Associate Director
Blackett Maguire + Goldsmith Pty Ltd

09 March 2022

The Director- General
The Department of Planning, Industry and Environment
Locked Bag 5022
PARRAMATTA NSW 2124

Dear Sir / Madam,

REFERENCE: DA NO. SSD-10349252
CORNER HAWKESBURY ROAD & HAINSWORTH STREET, WESTMEAD NSW 2145
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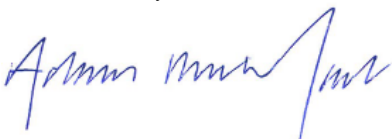
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Yours sincerely,



Adam Durnford
Associate Director
Blackett Maguire + Goldsmith Pty Ltd